THIS PAGE IS INSERTED BY OIPE SCANNING

IMAGES WITHIN THIS DOCUMENT ARE BEST AVAILABLE COPY AND CONTAIN DEFECTIVE IMAGES SCANNED FROM ORIGINALS SUBMITTED BY THE APPLICANT.

DEFECTIVE IMAGES COULD INCLUDE BUT ARE NOT LIMITED TO:

BLACK BORDERS

TEXT CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT

ILLEGIBLE TEXT

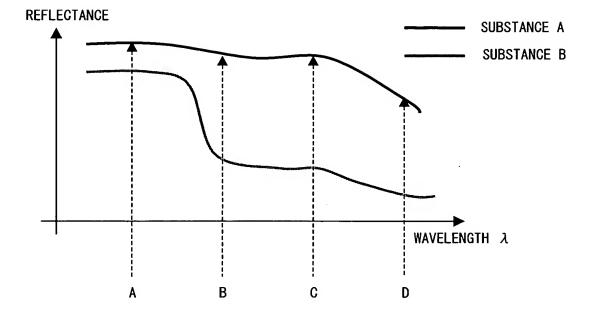
SKEWED/SLANTED IMAGES

COLORED PHOTOS

BLACK OR VERY BLACK AND WHITE DARK PHOTOS

GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY. RESCANNING DOCUMENTS WILL NOT CORRECT IMAGES.



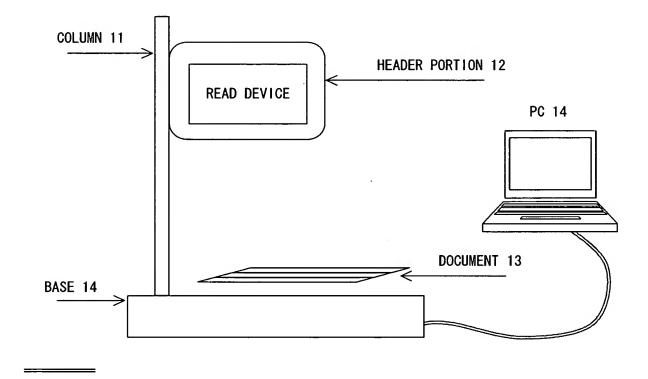
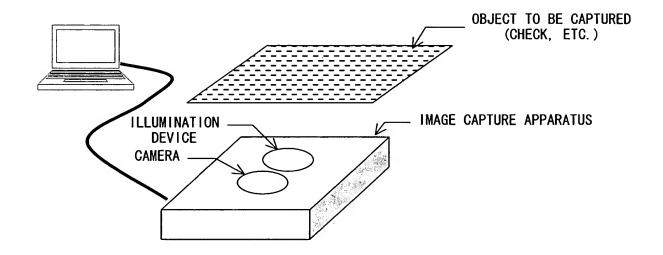


FIG. 2 PRIOR ART



WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
Title: Image Capture Apparatus
Inventor: Takahiro AOKI et al.
Attorney Docket: 042046

CASE B

SUBSTANCE WHOSE WAVELENGTH
CHARACTERISTIC IS KNOWN

SUBSTANCE WHOSE WAVELENCTH
CHARACTERISTIC IS KNOWN

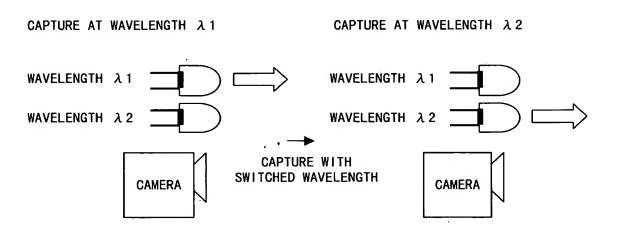


FIG. 5A

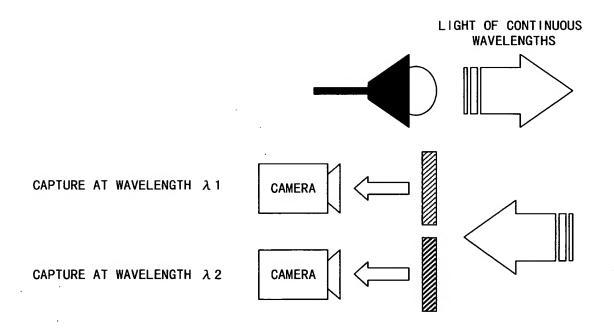
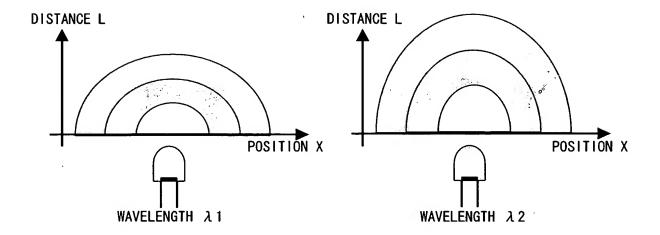
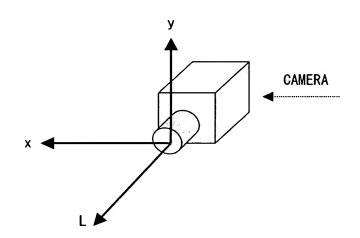


FIG. 5B





F I G. 6

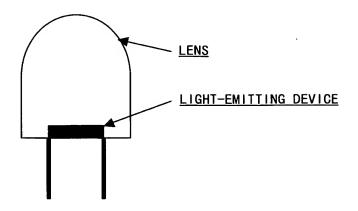


FIG. 7A

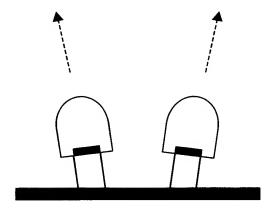


FIG. 7B

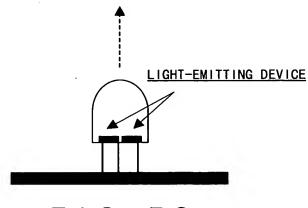
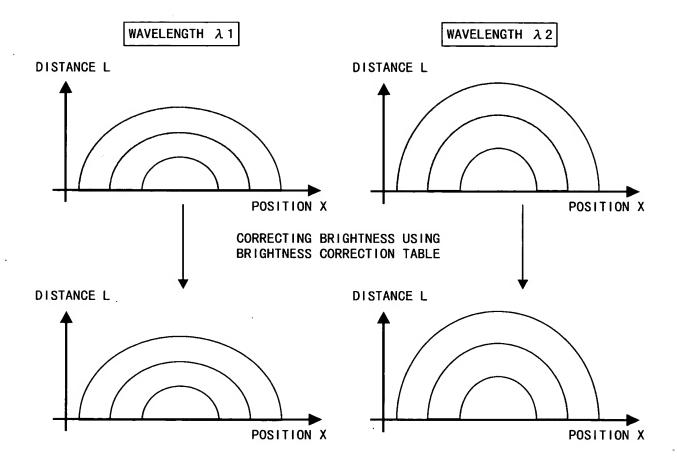
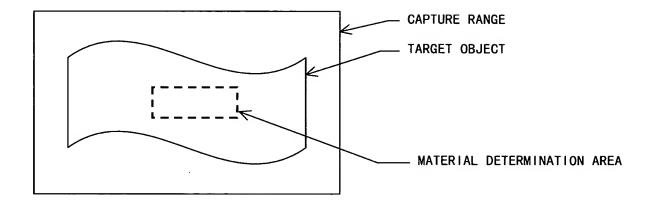
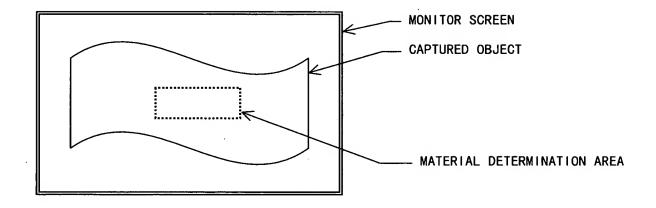


FIG. 7C







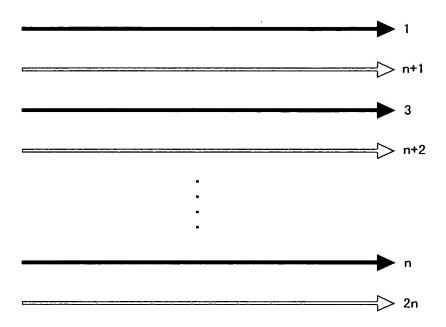
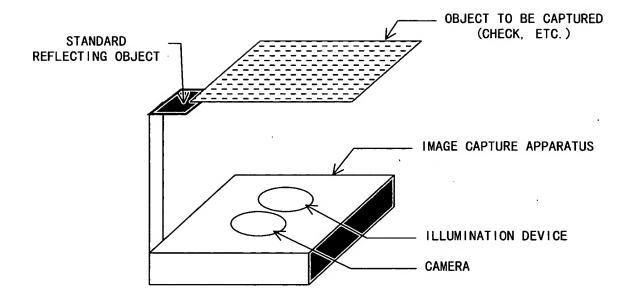
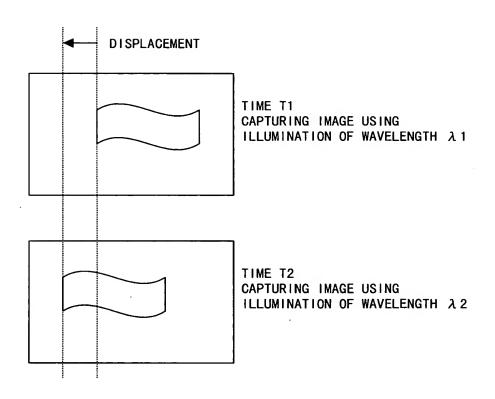
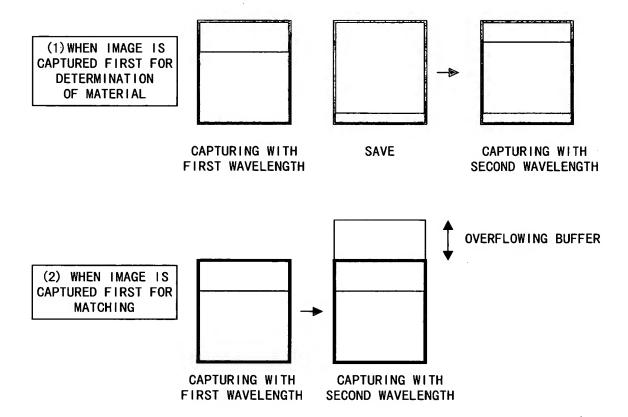


FIG. 11



Attorney Docket: 042046





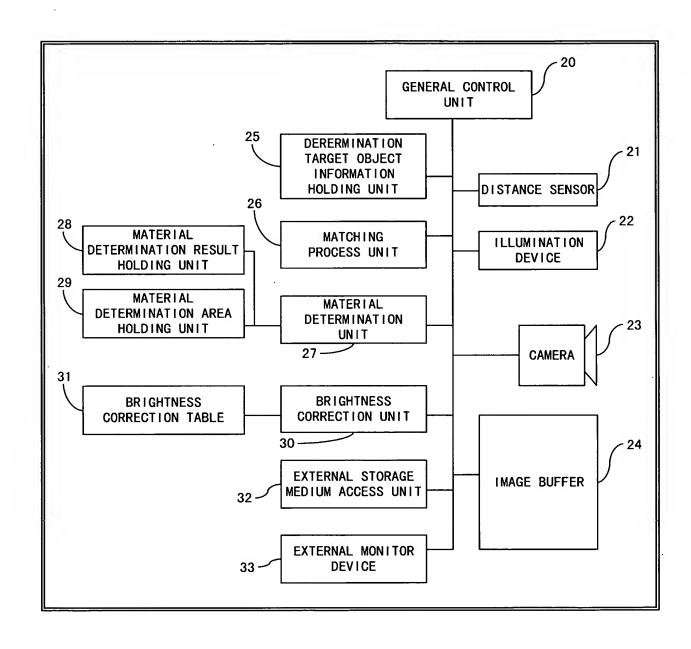
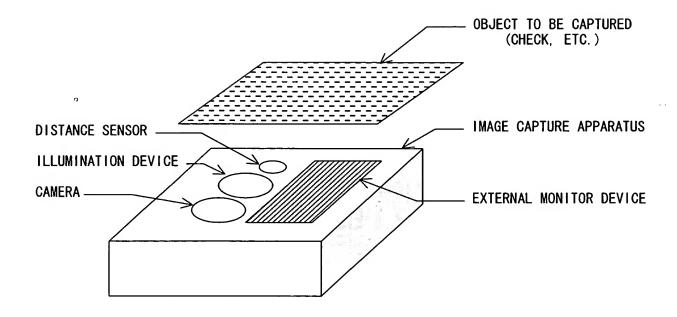


FIG. 15



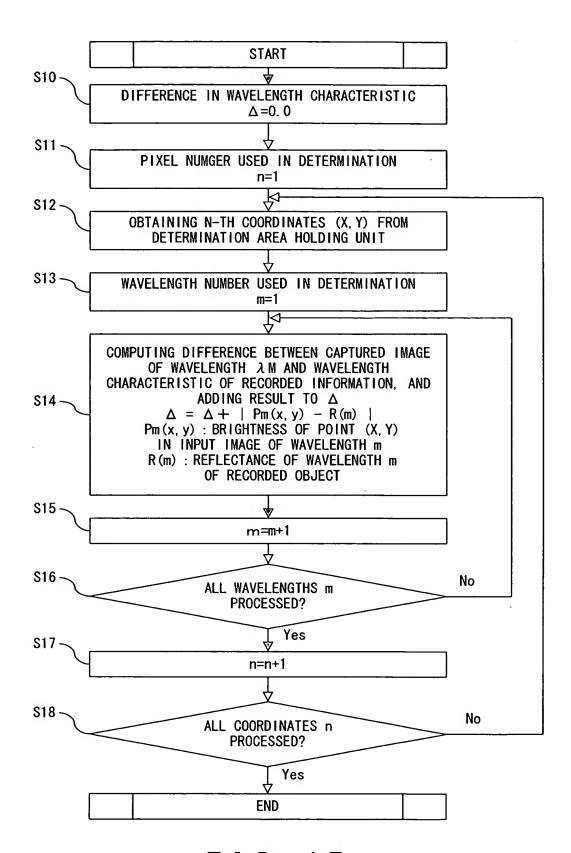


FIG. 17

No	TIME	ID
1	××: ××	1058
2	××: ××	1058
3	××: ××	1058
4	· ×× : ××	1058
5	××:××	1058
6	××: ××	1058

DISTANCE TO OBJECT = TABLE FOR 5 cm

RELATIVE DISTANCE L FROM CENTER	WAVELENGTH 入1	WAVELENGTH ん2
0.0	1. 2	2. 0
0. 2	1. 5	4. 0
0.4	2. 0	5. 1
0.6	3. 1	<u>6</u> . 3
0.8	4. 1	8. 0
0.8	4. 9	9. 4

FIG. 19A

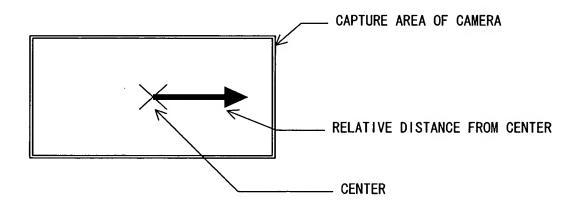
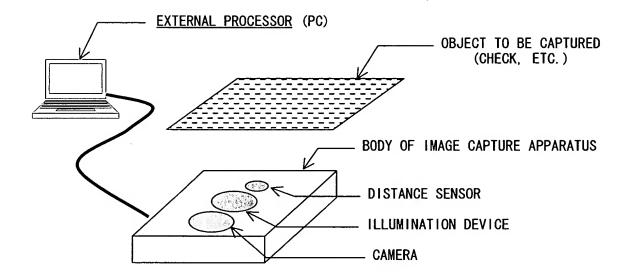


FIG. 19B

EXTERNAL PROCESSOR 51 -41 **GENERAL** CONTROL UNIT - 42 **DETERMINATION EXTERNAL** TARGET OBJECT MONITOR DEVICE INFORMATION HOLDING UNIT 43 45 -MATCHING PROCESS UNIT IMAGE BUFFER 46 -**COMMUNICATIONS** UNIT **IMAGE CAPTURE APPARATUS** 50 - 20 **GENERAL** CONTROL UNIT - 21 48 ~ DISTANCE SENSOR **DETERMINATION** 28 MATERIAL TARGET OBJECT 22 **ILLUMINATION** DETERMINATION INFORMATION DEVICE RESULT HOLDING HOLDING UNIT UNIT ILLUMINATION-27 — 40 29 **CAMERA** MATERIAL MATERIAL SYNCHRONIZING DETERMINATION DETERMINATION CIRCUIT AREA HOLDING UNIT UNIT 23 30 -**CAMERA** 31 **BRIGHTNESS BRIGHTNESS** CORRECTION TABLE CORRECTION UNIT - 24 **EXTERNAL STORAGE** 32 ~ **MEDIUM ACCESS** IMAGE BUFFER UNIT 47 ~ **COMMUNICATIONS** UNIT

FIG. 20



EXTERNAL PROCESSOR 51

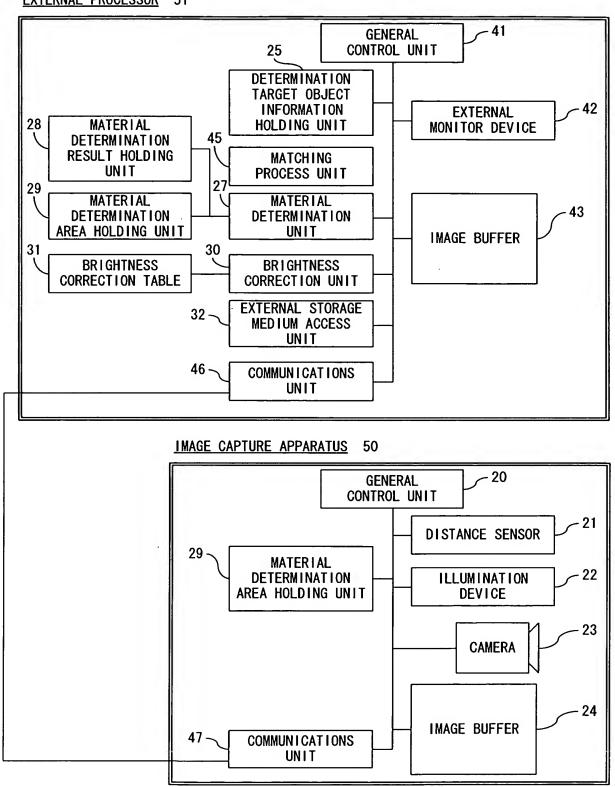
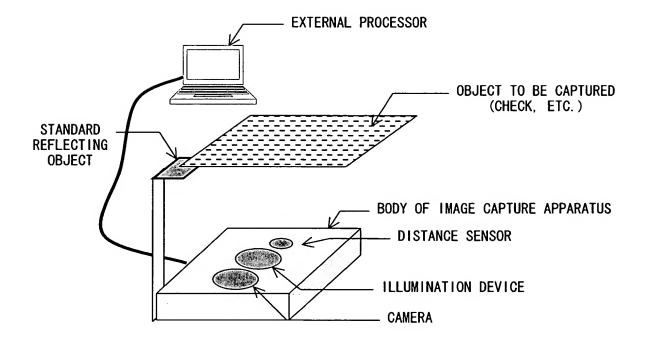


FIG. 22



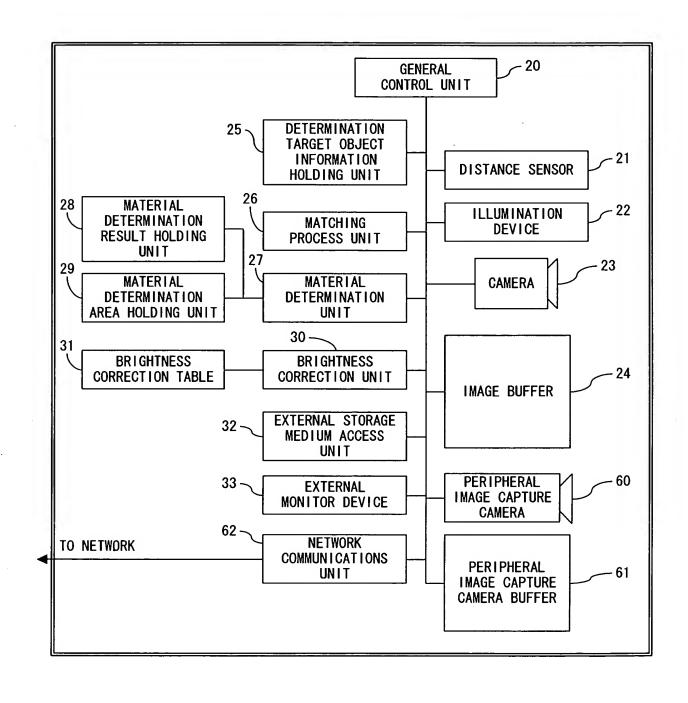


FIG. 24

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
Title: Image Capture Apparatus
Inventor: Takahiro AOKI et al.
Attorney Docket: 042046

